The Antique Wireless Association, Inc.

HOLCOMB, NEW YORK 14469

THE Antique Wireless Association was founded in 1952 by a group of amateur historians and collectors bent upon exploring and preserving the history of wireless communications.

There are more than 2,800 members in the Association world-wide. Among them are leading scholars, statesmen, scientists and industrial leaders and scores of old time pioneers in the practice of telecommunications, from Marconi ship and shore operators to hundreds of amateur radio operators who earned their expertise in the days of the spark gap and the coherer. In addition there are scores of knowing antiquarians who have saved from oblivion literally thousands of artifacts from earliest wireless days which have found a place in the A.W.A. Electronic Communication Museum, now located in East Bloomfield, New York near Rochester.

The Association is chartered by the State of New York as a non-profit corporation and enjoys full membership in the American Association of Museums. The A.W.A. sponsors annual historical conferences attended not only by members but by leaders in the nation's communications industry. Three of its national conferences have been held, by invitation, at the Ford Science Museum, Dearborn, Michigan, the Franklin Institute, Philadelphia, and the Smithsonian Institution, Washington. Like invitations by other national scientific bodies have been tendered. Programs and other assistance are also made available to a number of state and regional historical radio groups, to national associations of old time wireless operators and to regional wireless museums.

The Antique Wireless Museum itself sprang from a nucleus of thousands of pieces of wireless equipment collected over 25 years by Bruce Kelley, W2ICE, A.W.A. Curator and wireless enthusiast. With generous donations from fellow collectors, the Museum has grown to first rate stature. Housed originally in a reconstructed carriage house in Holcomb, New York, near Rochester, it now has been transferred to much larger and more secure quarters in the restored Academy building, constructed in 1837, owned and shared by the East Bloomfield Historical Society.

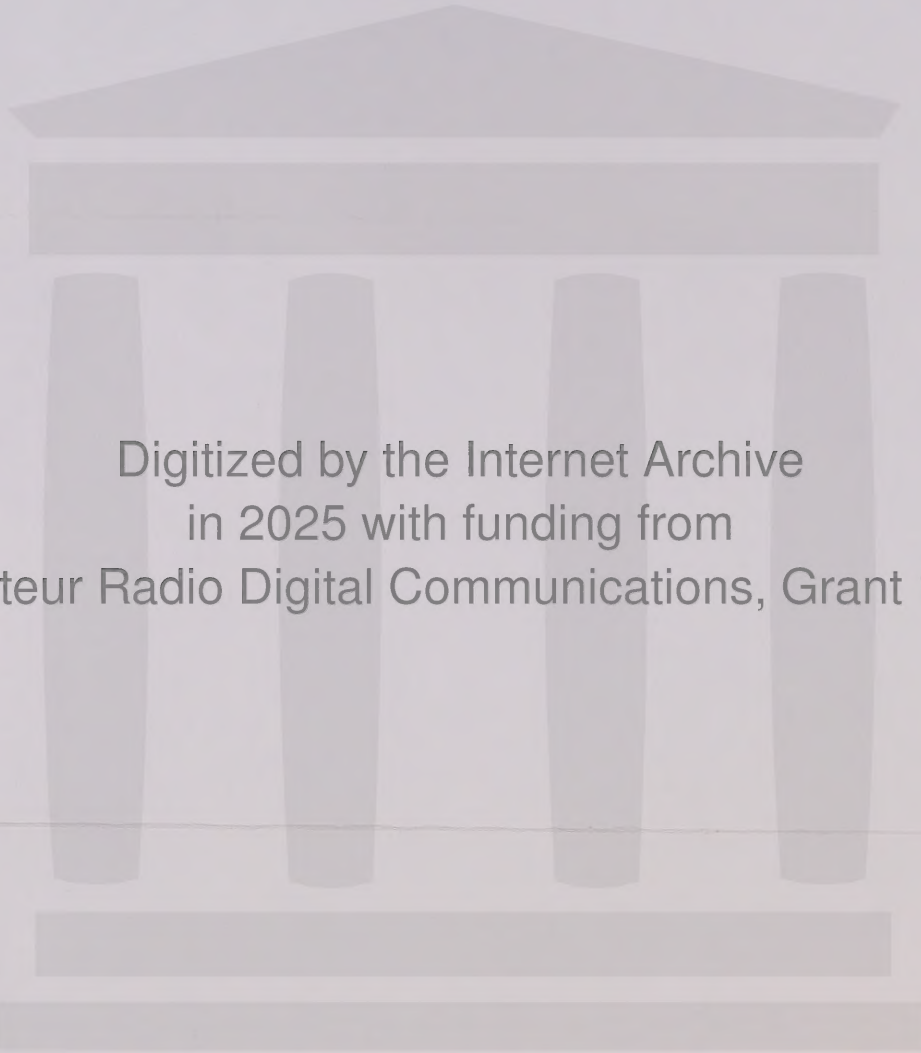
The Museum is the center of research in the Association's development of the history of wireless. The A.W.A. gives it wide circulation in a unique series of tape-and-slide presentations which are shown at the annual meetings of the Association and are made available to AWA regional groups and amateur, professional and industrial organizations. Typical of these

presentations are graphic and dramatic accounts of lives and accomplishments of the men of wireless – Marconi, Armstrong, Pickerel and others. A recent project is a tape-slide-show on the history of amateur wireless involvement in famous arctic and antarctic explorations.

The Museum quarters in the East Bloomfield Academy Building feature a large general exhibition hall plus complete replicas of early wireless stations, a vacuum tube collection and scores of wireless components. The Museum's resources include a comprehensive library of books, periodicals, photographs and documents basic to its research and the sharing of this knowledge with others.

A substantial part of AWA operations is the quarterly publication of The Old Timers Bulletin which keeps members apprised of the results of continuing research, presenting important papers on scores of historical subjects contributed by members who had a part in the making of that history. The AWA Bulletin is received automatically by AWA members and goes to several technical and general libraries.

Applications for membership are invited from among those who have the same serious interest in AWA objectives as those who have furthered its work and who are today shaping its future. For details write: Bruce Roloson, Box 212, Penn Yan, New York 14527, or Bruce Kelley, W2ICE, Main Street, Holcomb, New York 14469. 1/86



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https://archive.org/details/miscpamphelts00radi

Antique Wireless Association Spring Meet
June 6th and 7th, 1986
GUELPH — ONTARIO — CANADA

It will be a pleasure to host the members and friends of the Antique Wireless Association in having their Spring meet in Guelph, Ontario on Friday, June 6th and Saturday, June 7th, 1986.

Guelph, Ontario is a city of some 80,000 population and is located in one of the best industrialized areas of Canada. Also, the home of the University of Guelph, a very famous institution, known throughout the world.

Guelph is located 50 miles west of Toronto, 100 miles from Buffalo and 200 miles from Detroit. It is 10 miles north of Highway No. 401 and very easy to drive to.

The Headquarters for the Spring meet will be at the Holiday Inn, which is located near the junction of Highway No. 6 and Stone Road, (near the Stone Road Mall), the largest in the area.

On Friday afternoon there will be tours of Hammond Manufacturing plants. The new Southgate transformer plant, where transformers ranging in weight from 20 lbs. to over 20,000 lbs. are produced. Also, the metal fabrication and cabinet division on Edinburgh Road at Speedvale Avenue and the Curtis Road plant where small transformers and power supplies are produced. This is also the location of the **HAMMOND MUSEUM**.

The location of these are indicated on the enclosed map of the City of Guelph and marked with letters from **A** to **G**.

Friday evening at the Holiday Inn will be a special event with the Banquet at 7:00 P.M. and followed by a wonderful programme put on by Bruce Kelley, W 2 I C E. We all know how entertaining he is. Various prizes will be given out during the evening.

On Saturday the Museum at the Curtis Road Plant will be open and also an antique radio fleamarket will be held.

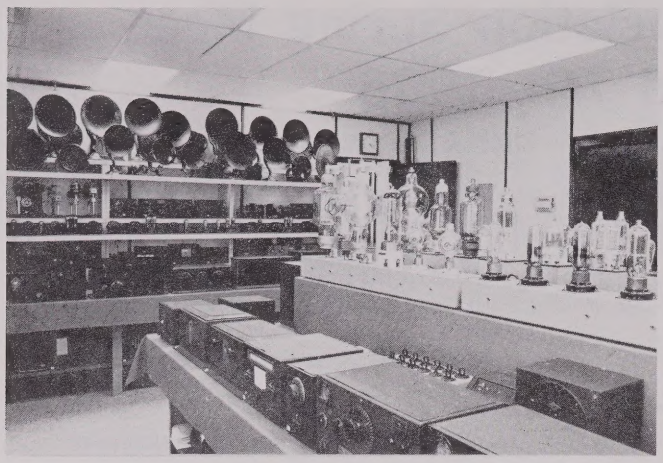
A buffet lunch at the Holiday Inn, SATURDAY — 12:00 to 13:00 (NOON) will be available.

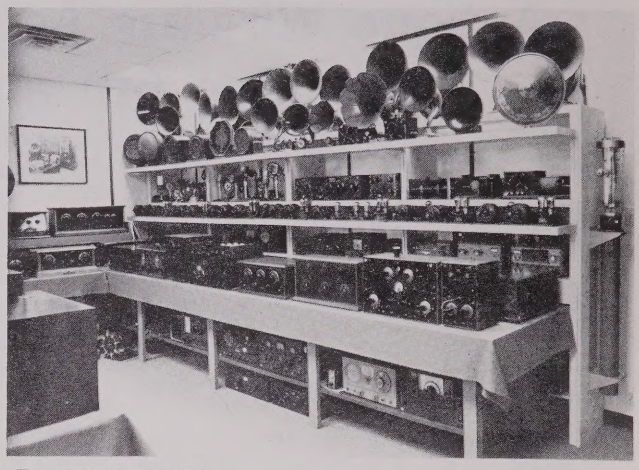
One other event being held in Guelph on Saturday, June 7th, is the CENTRAL ONTARIO AMATEUR RADIO FLEAMARKET. This is one of the most successful amateur radio fleamarkets held in Canada and could add to the enjoyment of a visit to Guelph on June 7th.

To those who have not had the pleasure of a visit to TORONTO, it is only a one hour drive from Guelph. In Toronto you have the famous C.N. TOWER and many other places of interest to see.

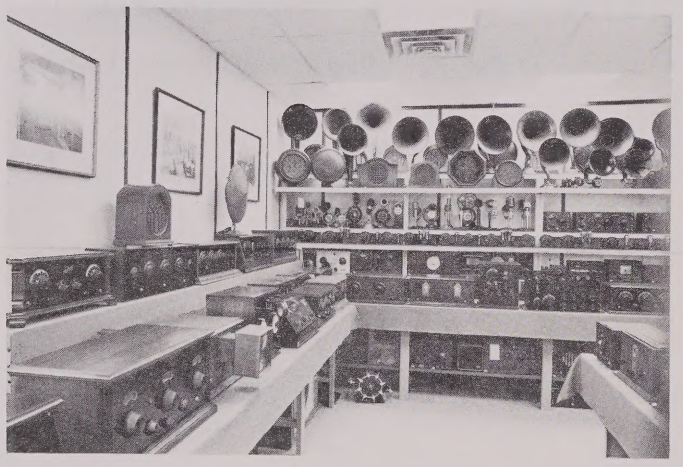
Today, the American dollar goes a long way in Canada. Come along and have a wonderful time with your many friends.

Fred Hammond, V E 3 H C,
Guelph, Ontario, Canada.

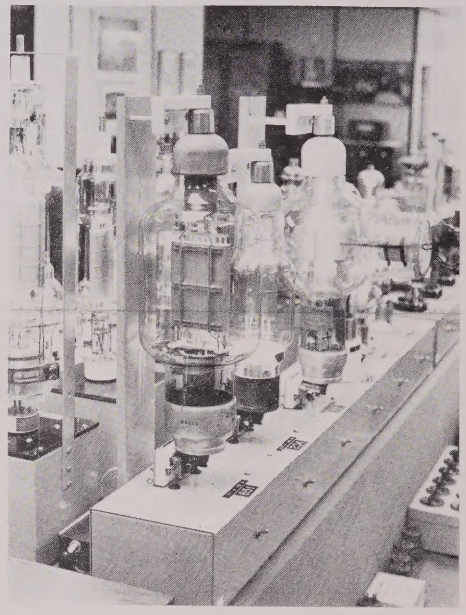


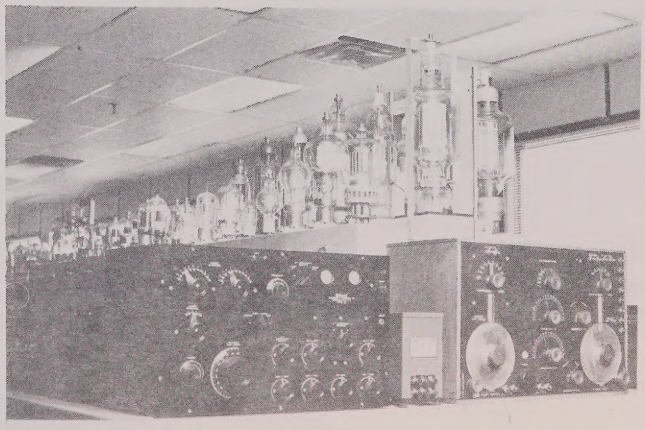


EARLY NATIONAL AMATEUR RECEIVERS
AND COLLECTION OF ATWATER KENT MICROPHONES & HORNS



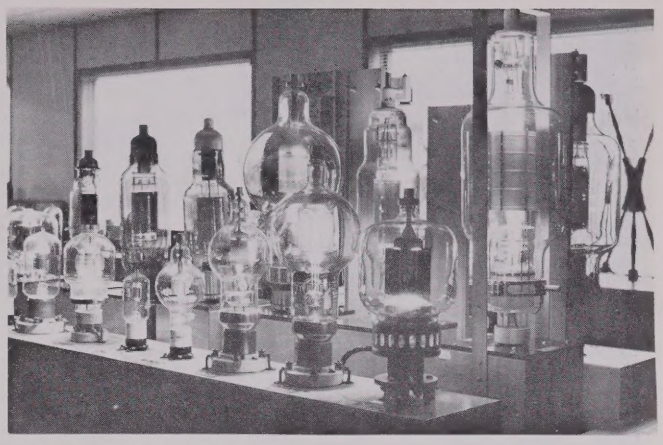
COLLECTION OF VARIOUS OLD TIME RECEIVERS
AND 1929 ROTARY WHEEL TELEVISION



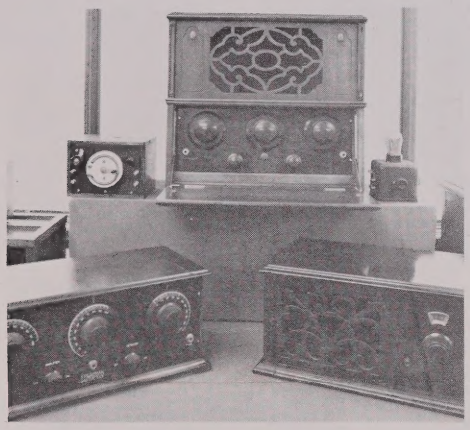


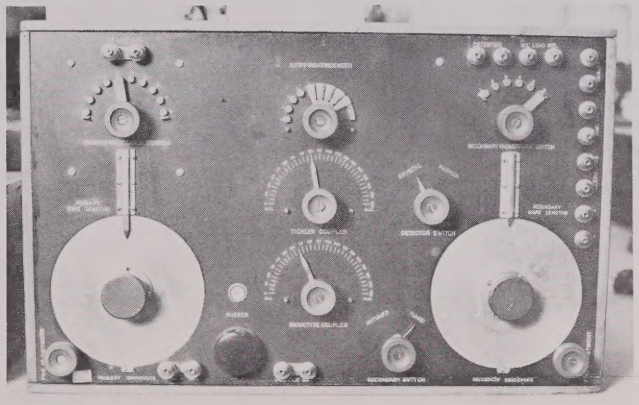
FEDERAL 61 RECEIVER (1923)

IP-500 (1918)



COLLECTION OF OLD AMATEUR TRANSMITTING TUBES





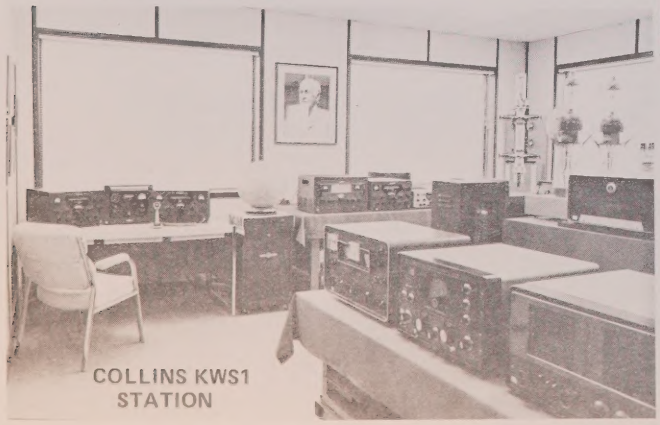
IP-500 (1918)

←1912 RECEIVER

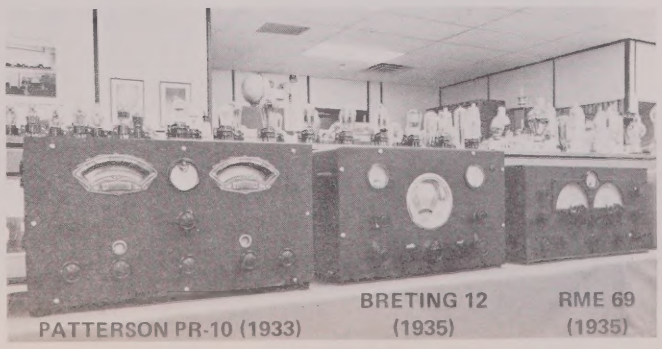
↙MERCURY SUPER 10 (1925)

EARLY COLIN B. KENNEDY RECEIVERS (1923)

REGENT 1924



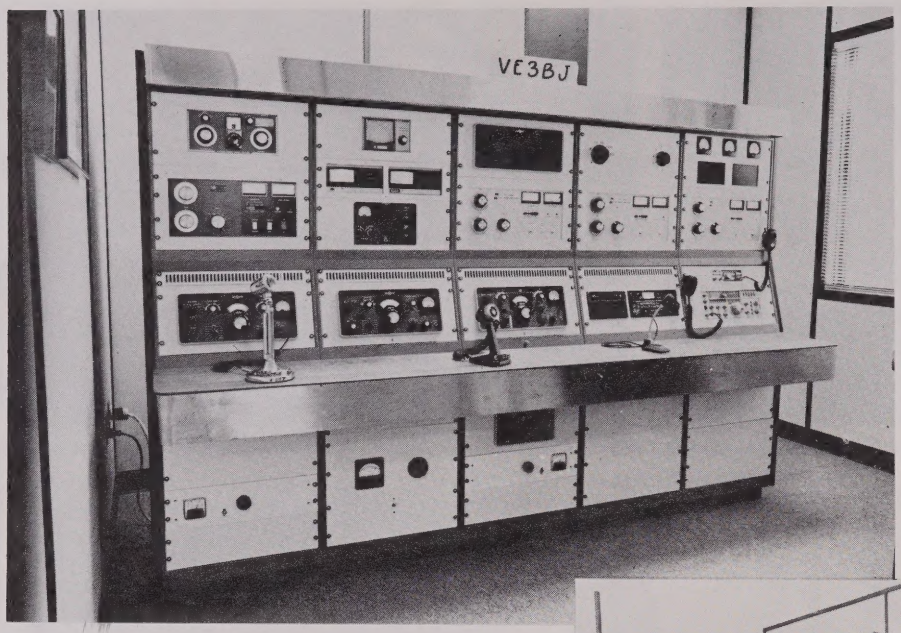
COLLINS KWS1 STATION



PATTERSON PR-10 (1933)

BRETING 12 (1935)

RME 69 (1935)



AMATEUR STATION VE3BJ

ACTIVE ON
10 - 15 - 20 - 40 & 75 METERS

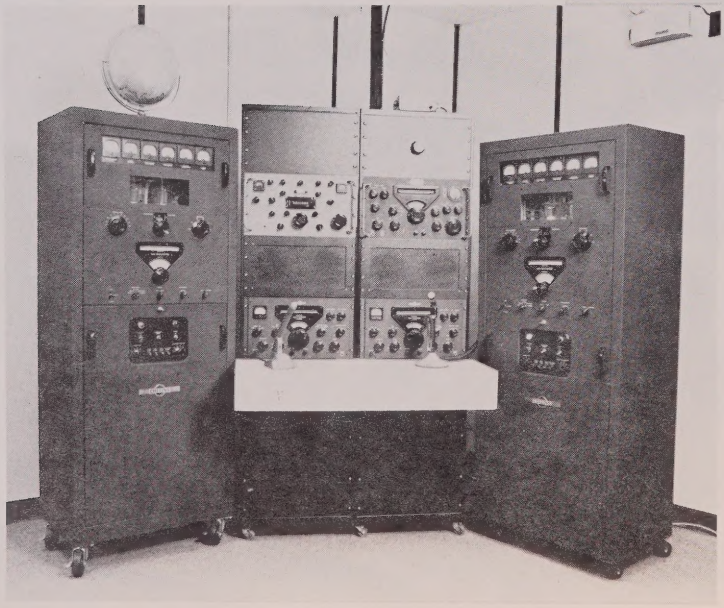
5 ELEMENT TELREX BEAMS
FOR 15 & 20 METERS

LEFT TO RIGHT:

COLLINS 30K (1946) — 500 WATT CW
375W PHONE

MARCONI TRIPLE DIVERSITY RECEIVER

R.C.A. AT3 TRANSMITTER AND
HALLICRAFTER BC610

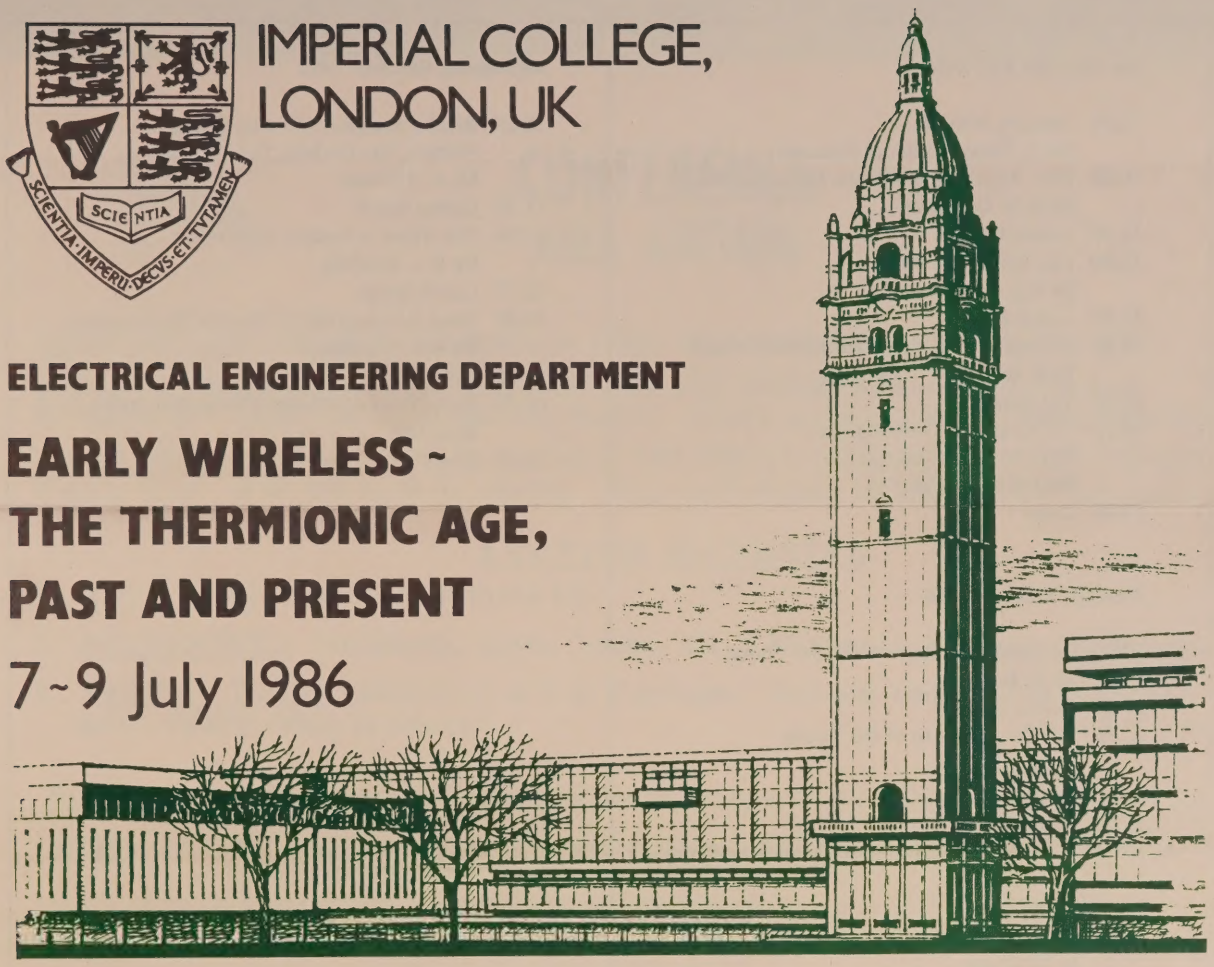


COLLINS KW1 — 1000 WATT
AM TRANSMITTERS (1952)

WITH

COLLINS R390A, 51J4
AND TWO 75A4 RECEIVERS

IMPERIAL COLLEGE, LONDON, UK



ELECTRICAL ENGINEERING DEPARTMENT

EARLY WIRELESS ~ THE THERMIONIC AGE, PAST AND PRESENT

7~9 July 1986

COURSE CO-SPONSORED BY
THE IEE HISTORY OF TECHNOLOGY COMMITTEE, IERE,
BRITISH VINTAGE WIRELESS SOCIETY (BVWS) AND AMERICAN ANTIQUE WIRELESS ASSOCIATION

This course is open to all those interested in wireless history and technology. The lectures will start from basic principles and assume no previous familiarity with the subject. Historical and scientific developments of wireless telegraphy and telephony from the turn of the century to the present time will be covered.

The course lecturers possess wide theoretical and practical experience. Some have been actively involved in the design of valve circuits and others have written authoritatively on the subject. The lecturers have been drawn from Industry, Universities, Consultants and Museums.

It is intended that a small exhibition of rare early wireless equipment will be set up for the benefit of the participants.

COURSE TEACHING STAFF

Dr P. Beckley:	Manager, Technical and Research, British Steel Corporation Electrical Steels.
Mr A.R. Constable:	Consultant Physicist, Author of "Early Wireless", Past Chairman BVWS.
Mr J. Hill:	Photographer, Author of "Cat's Whisker", Past Secretary BVWS.
Mr D.P. Leggatt:	Chief Engineer, External Relations BBC.
Mr R.G.J. Martin:	Previously Process Control Designer, Plessey Co.
Mr J. Narborough:	Power Systems Protection Engineer, South Eastern Electricity Board.
Dr V.J. Phillips:	Department of Electrical and Electronic Engineering, University of Wales. Author of "Early Radio Wave Detectors".
Mr B. Roloson:	Area Customer Service Manager, New York State Electric and Gas Corporation. Vice President, American Antique Wireless Association.
Mr R.L. Snelling:	Previously Marketing Manager, English Electric Valve Co.
Mr K. Thrower:	Deputy Chairman, RACAL Research Ltd.
Mr S. Wood:	Past Liaison Officer, International Divison, The Marconi Co.

For detailed programme see overleaf.

Monday, 7th July 1986

10.00 Opening Address
Mr K. Geddes, Science Museum
10.30 First Attempts at Wireless Communication
Mr A.R. Constable
11.30 Coffee Break
12.00 Life Before the Valve
Dr V.J. Phillips
13.00 Lunch Break
14.30 Crystal Detectors and Associated Circuits
Dr P. Beckley
15.30 Tea Break
16.00 The Origins of Thermionics—
First Experiments
Mr J. Narborough
17.00 Close

Tuesday, 8th July 1986

10.00 De Forest, the Inventor of the Triode
Mr B. Roloson
11.00 Coffee Break
11.30 The Development of the Triode
after De Forest
Mr B. Roloson
12.20 Lunch Break
13.30 Basic Principles of Amplification, Oscillation and Feedback
Mr K. Thrower
14.30 The Valve—Industrial Aspects, pre-1925
Mr S. Wood
15.30 Tea Break
16.00 The Valve—Industrial Aspects, post-1925
Mr R.G.J. Martin
17.00 History of Broadcasting
Mr D.P. Leggatt
18.00 Close

Wednesday, 9th July 1986

10.00 Breakthroughs in Wireless Design
(Reflex, Neutrodyne, Heterodyne)
Mr K. Thrower
11.00 Coffee Break
11.30 The Valve in Modern Equipment
Mr R.L. Snelling
12.30 Lunch Break
13.40 Great Personalities in Wireless Development
Mr A.R. Constable
15.00 Tea Break
15.30 Sixty Years of Wireless Design and Style
Mr J. Hill
16.30 Close

PLACE
Room 611, Department of Electrical Engineering, Imperial College, London SW7 2BT, UK.

ADMISSIONS
Enquiries and applications on the special forms should be addressed to Mr J. Stanley, Short Courses Office, Registry, Imperial College, London SW7 2AZ, UK. Telephone: 01-589 5111 Ext. 3248, Telex: 261503.

FEE
The fee for the 3-day course is £85 inclusive of lecture notes, coffee and tea.

ACCOMMODATION
A list of local hotels will be sent to interested applicants with the acknowledgement of receipt of the application form. Hotels of all classes are within easy walking distance of the College.

COURSE ORGANISERS
Dr L.L. Freris, Telephone: 01-589 5111 Ext. 5205, Telex: 261503
Mr A.R. Constable, British Vintage Wireless Society

CONFERENCE
AWA AUCTION

REGISTRATION FORMS: Available in lobby from Wednesday until Friday AM.

BIDDING NUMBER CARDS: Available Thursday evening 8:30 - 10:30 PM and Friday 8:00 - 10:00 AM (Canandaigua Room). Cards issued to ONLY AWA members.

ITEMS FOR AUCTION: Will be accepted THURSDAY evening 8:30 - 10:30 PM and Friday 8:00 - 9:00 AM as time allows. ALL participants MUST be AWA members.

AUCTION MATERIAL

1. RECEIVERS: Maximum of three (3).
2. ACCESSORIES: (speakers, parts, books, etc.) Maximum of 3 items or groups.
3. VACUUM TUBES: Maximum of 5 or 5 groups. Indicate whether filaments are good. (Early tubes preferred.)

Restrictions: No consoles (receivers)or large groups of service manuals/magazines.

NOTE! AWA NOT responsible for material sold or sales action/tax. Also. AWA not responsible for material damaged or lost.

10% of auction sales donated to the AWA Museum Maintenance Fund.

LADIES' TRIP

FRIDAY, SEPTEMBER 25

Bus leaves Sheraton Inn: 9:15 AM
Meet in lobby at 9 AM

Once again our tour will be escorted by the congenial guides of Sparetime Travel, and this years destination will be Rochester.

Our morning will be spent in the Memorial Art Gallery, where docents will escort us through 5,000 years of art history and a special sculpture display.

Luncheon will be a return visit to the fascinating CHANGING SCENE, Rochester's revolving restaurant.

The afternoon attraction will be the magnificent collection of the Margaret Woodbury Strong Museum, which exhibits toys, dolls, home furnishings,clothing, and technology of eight generations. We'll return to Canandaigua about 4:30 PM.

The all-inclusive price is $36.00.

SATURDAY, SEPTEMBER 26

12:30 Noon, Tiffany Room, Sheraton

This is the time we'll have a chance to get better acquainted, have lunch and hope we'll be a lucky one to get a surprise package ..... and enjoy a short program.

ANTIQUE WIRELESS ASSOCIATION

GENERAL AUCTION

PROCEDURE FOR THE 1986 HISTORICAL CONFERENCE

REGISTRATION FORMS: Available in lobby from Wednesday until Friday AM.

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Restrictions: No consoles (receivers) or large groups of service manuals or magazines.

NOTE ! AWA NOT responsible for material sold or sales action/tax.

LADIES PROGRAM

FRIDAY, SEPT. 26, LADIES' TRIP

Bus leaves Sheraton Inn at 9:00 AM

Meet in lobby at 8:45 AM

GENESEE COUNTRY VILLAGE MUSEUM

and

THE GRAND CANYON OF THE EAST

Our day begins at 9:00 AM with our departure from the Sheraton westward to the GENESEE COUNTRY VILLAGE Museum. Here the houses and customs are mirrored in the village homes and their role-playing actors. Wander down the streets, around the commons, and talk with the role-playing craftsmen as they ply their skills.

Luncheon awaits at the VILLAGE INN or BIG TREE INN. You'll have two choices.

Continuing through the Livingston Country farm region, we approach the 17 mile long GRAND CANYON OF THE EAST at Letchworth State Park. Our eyes survey depths of 600 feet. Several stops will be made to view this masterpiece where the geologic history of North America is written in the strata of the canyon walls.

A scenic drive through the Swiss-like hills and along Canandaigua Lake to the Sheraton completes the day.

This package includes all admissions, taxes, tips for the included luncheon meal plus services of a Sparetime Excursion Guide. PRICE PER PERSON: Only $34.50

SATURDAY, SEPT. 27

12:30 Noon, Tiffany Room, Sheraton

This is the time to get better acquainted, have lunch and hope we'll be a lucky one to get a surprise package..and enjoy a short program.

ANTIQUE WIRELESS ASSOCIATION
31ST ANNUAL CONFERENCE

The Marriott-Thruway Motel, Rochester, NY
Wednesday-Saturday, Sept. 23-26, 1992

WELCOME BACK TO ROCHESTER! The AWA yearly conference will again give you the opportunity to meet with your fellow hobbyists, collectors, historians, restorers, and old friends...and perhaps a few new friends. It is the largest event of its kind in the world, and for old hands, we hope you will be back with us. For those of you who have never been to one of our yearly 'reunions', why not give it a try?

A REGISTRATION BADGE WILL BE REQUIRED FOR ENTRANCE TO ALL ACTIVITIES, INCLUDING THE FLEA MARKET. ALL FLEA MARKET SELLERS MUST BE REGISTERED. ALSO, PLEASE NOTE THE CHANGES IN FLEA MARKET PROCEDURE.

WEDNESDAY:
The first official day of the conference. Flea market and registration both open at 8 AM. Evening registration 7-9 PM. It is planned to have a continuous slide/video program from 10 AM to 5 PM in one of the ballrooms...check the board for location and details. The museum will open from 7-9 PM.

THURSDAY:
A very busy day. Registration open from 8:30-12, and 1-5. For those interested in the older communication equipment, Col. Ed Gable will be running his auction at 9 AM...check-in is from 8-9 AM. (NOTE: Communications equipment ONLY. The auctioneer reserves the right to refuse any non-conforming item.)

The **BOOK FAIR** opens...in the Pre-Assembly court near the Registration desk.

An **AWA MUSEUM BUS** will depart promptly at 8:30 AM from the front entrance. We suggest that you get your name on the list at the registration desk early to be assured of a seat. One bus only. Transportation fee will be $5. The museum will also be open to those who wish to drive.

TECHNICAL PROGRAMS will be at 11 AM, 1 PM, and 3 PM. At 11 is "News for SWLs," by Bart Lee, at 1 is "Changing Radio Styles 1920s-1960s," by author Marty Bunis, and at 3 is "From the Top Hat to IC and the Preparation of the GE Transistor Manuals," by retired GE engineer Dwight Jones.

OLD EQUIPMENT CONTEST CHECK-IN AND MAIN AUCTION CHECK-IN will be from 7-10 PM. Auction items can be previewed and bidding cards purchased. Note that this is the ONLY time for contest entries and auction check-ins.

SPECIAL EVENING PROGRAM..."Movie Posters, Song Sheet Covers, and Big Bands" A trip in nostalgia. The audience will witness a parade of old time movie posters and stars, colorful song sheet covers accompanied by favorite tunes of the past. There's a catch, however. The tunes will not be identified... a challenge to the listener. 8PM.

FRIDAY:
ANOTHER BUSY DAY! Registration open 8:30-12, 1-5. Preview of main auction items from 8-9 AM. Book Fair 8:30 on.

The **ANNUAL SIGHTSEEING TRIP** leaves from the front door at 8:30 AM, this year taking a tour through the Finger Lakes, with stops at Widmer's Wine Cellars, the Vineyard Room for lunch, a cruise on the Canandaigua Lady, and a visit to the Jump Off, a popular promontory where the Seneca Indians were said to have blessed the hunt. Return to the hotel by 4:45 PM. PRICE PER PERSON: $49.00. Includes transport, admissions, taxes and tips, luncheon, the cruise, and travel agency host-guide service. Pre-register at the AWA registration desk as erly as possible.

The **GENERAL AUCTION** will run all day, starting at 9 AM with a 12-1 lunch break. Col. Bruce Roloson, auctioneer. Basic sequence is to start with vacuum tubes, then do the paper goods, and finally the hardware items. Restrictions apply: no consoles, boxes of magazines, non-"antique" items, or junk. For post-1940 ham equipment use the Communications Equipment Auction. There will be a maximum of three items or groups of items per person for the general auction and five items or groups of items for the tube auction. For vacuum tubes, indicate if the filaments are good. Early tubes are preferred. Please remove bulky outer wrappings so individuals may view the tubes. Use tape, rubber bands, or string to tie grouped items together, or place in a box. The right to refuse non-conforming items is reserved by AWA. All equipment must be removed from the auction room by 6:00 PM. Payment to sellers will be in the registration area from 9-10 PM. The AWA is NOT responsible for items sold, or for sales tax, or for any material which is damaged or lost. 10% of all sales will be donated to the AWA Fund.

GENERAL AUCTION REGISTRATION FORMS will be available at the AWA registration desk and at the auction sign-up tables Thursday evening. BIDDING CARDS will be available in the auction room area Thursday evening 7-10 PM, Friday 8-9 AM. Fee of $2 charged...refunded if the bidder makes an auction purchase. Conference registration badge required.

EQUIPMENT CONTEST viewing will be from 11-12 AM and 1-5 PM and after the Awards Dinner. Entries can be removed at 11 PM or at 8 AM Saturday.

AMATEUR RADIO SEMINAR at 4 PM. W2ICE and W2ER will review the OT contest. *Special Showing:* If you have a 1929-type of self-excited transmitter, bring it in for "show and tell." Also, we are told there will be a program for the 'old timers.'

A HAPPY HOUR will be from 6:30 PM until dinner. Cash bar.

The **AWARDS DINNER** will begin at 7 PM. Special entertainment will be by the Elmira Little Theatre Group presenting two old-time radio shows, "Duffy's Tavern" and "Gunsmoke." Ralph Williams wil report on the Old Equipment Contest and present the award.

SATURDAY:

Registration is from 8:30 till noon. The flea market will run all day but must be closed down by 5 PM.

TECHNICAL PROGRAMS will run all day. Starting at 9 AM will be "120 Years of Brass Pounding" by Bruce Kelley, at 10:30 will be a "Historical Sketch of General Electric" by John Anderson, at 1:30 PM "The Dynatron Tube of A. W. Hull," a demo and lecture by Robert Miller, and at 3 PM "W.R.G. Baker of General Electric," by *EMPIRE OF THE AIR* author Tom Lewis.

The **LADIES' LUNCHEON,** an annual event, will be hosted by Helen Kelley at 12 noon, and wil feature a special audio-visual program by AWA member and world traveler Bob Schaumleffel.

The **GRAND BANQUET:** At 7 PM, preceded by the ANNUAL MIXER at 5:30 inthe dining room. Major awards will be handed out, followed by a general-interest program. The yearly highpoint of the conference.

IN GENERAL

IF YOU HAVE A PROBLEM: If AWA, contact either Bill Fizette, Conf. Chairman, or Bruce Roloson, President, via the AWA registration desk. If the HOTEL, check in with the main desk. The executive in charge of registrations is Ms. Nancy Cooper.

WHEEL CHAIR ACCESS: Via the front of the hotel. All facilities are accessible.

AWA MESSAGE BOARD: In the main corridor. Be sure to check this for private messages and general announcements, throughout the meeting.

HOTEL COURTESY VAN: Will be provided by the hotel for access to the main Rochester airport. 7 AM-11 PM daily.

RESERVATIONS: For meals and trips...not later than 2 PM of the day before the event.

SECURITY AND PERSONAL PROPERTY: Neither the AWA nor the HOTEL assumes any responsibility for any personal property in the flea market. All hotel guests are responsible for their own personal belongings, whether in the rooms, public areas, or in vehicles. Safety deposit boxes are available. The AWA will provide a security guard inthe meeting rooms, with special overnight security for the Old Equipment Contest and General Auction room. However, those entering small or valuable items should ensure that they are firmly secured in a suitable display.

FLEA MARKET: Because of past congestion and confusion in the flea market area, there are procedural revisions this year, as follows: 1. ALL SPOTS WILL BE ASSIGNED, and pre-registration is strongly encouraged to make sure you get a spot. Contact Dick Ransley, Box 480, Rt. 12B, Clinton, NY 13323 (315) 853-1713. 2. Spaces will be assigned as either, PREMIUM, REGULAR, or ONE DAY. Prices in the summary. 3. The flea market will be patrolled by security guards who will be responsible for enforcement of registrations.

DIRECTIONS TO THE AWA MUSEUM: On leaving the Marriott Hotel, turn right onto Rt. 15, heading south until you hit Rt. 5/20 in East Avon. Turn left at the light on Rt. 5/20 and drive to Bloomfield (formerly East Bloomfield). The museum is in the brick Historical Society Building on the village green. You may park in the church parking lot next door. Distance is 24 miles, driving time about 30 minutes. The museum will be open Sunday afternoon 2-5 PM, with guided tours.

*** **HOUCK AWARDS:** Nominations for the 1992 Houck Awards are now being solicited, and should be submitted as soon as possible to John V. Terrey, PO Box 2, Carlisle, MA 01741.

We hope you have a great conference! Please let us know what you think.

FREE

1993 SPRING/SUMMER SCHEDULE May 3 - September 19

CFRC STEREO 101.9 FM

CFRC-FM
Carruthers Hall
Queen's University
Kingston, Ontario
Canada K7L 3N6 Tel (613) 545 2121 Fax (613) 545 6049

French
Folk/Blues
Rap/Dance
Jazz
Rock
International
Classical
Spoken Word

we reserve the right to make un-announced program changes

	MON	TUE	WED	THU	FRI	SAT	SUN
8 AM						20 CC	Musical Panorama
9							
10						Heaven's Door	
11							
12 PM						Rant & Rave	Earth Chronicles
1							Virtual Reality
2						Adventures In Limbo	
3	Wireless	Moodswings	Completely Dissonant	A Few Of My Favorite Things	The Sound Of Speed		An Alternate Universe
4							
5						Top Rankin'	The Call Of The Flute
6	Classic Monday	Jazz Date	CFRC Notebook		Nothin' To It	The Blues Project	
7			Mélomanie	Bric-à-Brac			After Stonewall
8			Sans Malice	Interfuse	Ascension	Dancebeats	
9	The Blue Room	The Pillbox		Good Vibes			Horrorshow
10			After The Goldrush			Tapping The Ether	That's Cool That's Trash
11	NEW NOYZ						
12 AM	Coolidge	The Utopian Experience	Bedlam In Bedrock	Pyroteknix	Housequake	In The Mines	Overnight Vintage
1							
2							
3							
	MON	TUE	WED	THU	FRI	SAT	SUN

REGISTRATION 1991

				Fill in number attending and the amount in appropriate box	
				NO. ATTEND	TOTAL DOLLARS
REGISTRATION - Required for all activities *Spouse and children under 19 free.*			Advance $10.00		
			at door $12.00		
Friday Sept. 27	**ANNUAL SIGHTSEEING TRIP** Take Bus at Main Door	**8:00 AM**	$40.00		
	EQUIPMENT AWARDS DINNER Chicken Mandarin - Iroquois Ballroom	**7:00 PM**	$16.00		
Saturday Sept. 28	**LADIES' LUNCH** - Iroquois Ballroom	**12:00 PM**	$11.00		
	GRAND BANQUET - Sirloin of Beef Henrietta Ballroom	**7:00 PM**	$16.00		
FLEA MARKET REGISTRATION - Required of all sellers $12 per 10′ space, limit of 2 spaces per person **INDICATE NUMBER OF SPACES YOU NEED.**					
Gratuity and tax included in all meals.			**TOTAL AMOUNT →**		

Hotel where you'll be staying: _____

ROCHESTER THRUWAY Marriott HOTELS·RESORTS

Name (print) _____ Day Phone # ( ) _____

Address _____ Evening Phone # ( ) _____

City _____ State _____ Zip _____

Arrival Date _____ Departure Date _____ No of Rooms _____

No. of People _____ Sharing with _____

Smoking or Non-Smoking Room _____

Marriott Honored Guest # (if applicable) _____

☐ Check or money order enclosed Amount $ _____ ☐ American Express

☐ Diners Club ☐ Visa ☐ Carte Blanche ☐ Master Card ☐ Discover

Credit Card Number _____ Expiration Date _____

Signature _____

Should I fail to honor my reservation and not cancel 24 hours prior to my expected arrival, I authorize the Rochester Marriott to charge my account for one night's room charge and all applicable taxes.

Check-out time is 12:00 p.m. Check-in time is 3:00 p.m. **CUT OFF DATE: 8/22/91**

RESERVATIONS RECEIVED AFTER THE CUT OFF DATE ARE SUBJECT TO AVAILABILITY. ROOMS MAY STILL BE AVAILABLE AFTER THE CUT OFF DATE, BUT NOT NECESSARILY AT THE ABOVE RATE. PLEASE APPLY 10% SALES TAX TO THE ABOVE RATES.

FILL OUT BOTH SIDES OF THIS CARD.

REGISTRATION FORM

Antique Wireless Association
ANNUAL HISTORICAL RADIO CONFERENCE

Member Name _____ Spouse/Guest _____
First *Last* *First* *Last*

Street _____

City _____ State _____ Zip _____

Country (if other than USA) _____

Make check payable to **ANTIQUE WIRELESS ASSN.** and mail before September 15 to:
ANTIQUE WIRELESS ASSOCIATION, INC.
c/o Dick Ransley
17 Sheridan Street
Auburn, New York 13021

IMPORTANT: September 15 is absolute deadline for all meals. Registration covers all activities except flea market, meals, and bus trip. Pick up tickets at Marriott Headquarters. If you wish acknowledgement of reservations, enclose S.A.S.E.

DETACH THIS PORTION AND MAIL TO:

ROCHESTER THRUWAY

Marriott
HOTELS·RESORTS

5257 West Henrietta Road
P.O. Box 9912
Rochester, New York 14623

ANTIQUE WIRELESS ASSOCIATION

September 22-29, 1991

Room rates per room, per night

$ 70	Single
$ 80	Double
$ 90	Triple
$100	Quad

The Rochester Marriott is pleased you have chosen us for your upcoming visit. Our staff looks forward to serving you in the fine Marriott tradition.

In making your reservation we request that you either.

1) Enclose a check or money order covering the first night's stay.

— OR —

2) Send us the entire number of your credit card: AMERICAN EXPRESS, DINERS CLUB, DISCOVER CARD, MASTER CARD, VISA/BANKAMERICACARD, or CARTE BLANCHE. Don't forget the expiration date and your signature.

The Rochester Marriott regrets that it cannot hold your reservation after 6:00 p.m. on the day of arrival without one of the above. Deposits will be refunded only if cancellation notification is given up to 24 hours prior to arrival.

1. **PREMIUM SITES: Total $ _____**

These sites are the 58 perimeter parking spaces on the three edges of the lot. The advantage here is the ability to pull your car or regular van off on to the grass and giving you a 10' by 20' display area on the pavement. These spaces are $25 for the first one and $40 for the next adjacent one, maximum of two per seller activity and good for all week.

2. **REGULAR SITES: Total $ _____**

These are 73 regular 10' by 20' parking space reserved for "tailgating" and some display area. Traffic lanes must be maintained per fire regulations. These spaces are $15 for the first, $20 for the second and $30 for the third adjacent area, maximum of three per seller activity and good for all week.

3. **ONE DAY SPACES: Total $_____**

Set aside are a quantity of 30 one-day spaces for the casual tailgater wanting to swap a few items. These one day spaces are $10 each, maximum of one per person for one day only. You will need to specify the day desired as you pre-register.

Pre-registration is highly encouraged to assure you get a spot. The AWA believes this plan meets the needs of the membership at large. The intent is to make people think twice about casually ordering several parking spaces, when one with better display planning would probably do, thus allowing greater participation overall. The AWA invites comments.

Keep This Section For Your Records

REGISTRATION 1992

				Fill in number attending and the amount in appropriate box	
				NO. ATTEND	**TOTAL DOLLARS**
REGISTRATION - Required for all activities *Spouse and children under 19 free.*			Advance $12.00		
			at door $15.00		
Friday Sept. 25	**ANNUAL SIGHTSEEING TRIP** Take Bus at Main Door	**8:00 AM**	$49.00		
	EQUIPMENT AWARDS DINNER Chicken Mandarin - Iroquois Ballroom	**7:00 PM**	$16.00		
Saturday Sept. 26	**LADIES' LUNCH** - Iroquois Ballroom	**12:00 PM**	$11.00		
	GRAND BANQUET - Sirloin of Beef Henrietta Ballroom	**7:00 PM**	$16.00		
	FLEA MARKET REGISTRATION - Required of all sellers				
	No. of Spaces	**Prem.** _____	***or*** **Regular** _____	***or*** **1 Day** _____	
	Total	**$** _____	**$** _____	**$** _____	
Gratuity and tax included in all meals.				**TOTAL AMOUNT →**	

Hotel where you'll be staying: _____

ROCHESTER THRUWAY Marriott HOTELS·RESORTS

Name (print) _____ Day Phone # ( ) _____

Address _____ Evening Phone # ( ) _____

City _____ State _____ Zip _____

Arrival Date _____ Departure Date _____ No of Rooms _____

No. of People _____ Sharing with _____

Smoking or Non-Smoking Room _____

Marriott Honored Guest # (if applicable) _____

☐ Check or money order enclosed Amount $_____ ☐ American Express

☐ Diners Club ☐ Visa ☐ Carte Blanche ☐ Master Card ☐ Discover

Credit Card Number _____ Expiration Date _____

Signature _____

Should I fail to honor my reservation and not cancel 24 hours prior to my expected arrival, I authorize the Rochester Marriott to charge my account for one night's room charge and all applicable taxes.

Check-out time is 12:00 p.m. Check-in time is 3:00 p.m. **CUT OFF DATE: 9/8/92**

RESERVATIONS RECEIVED AFTER THE CUT OFF DATE ARE SUBJECT TO AVAILABILITY. ROOMS MAY STILL BE AVAILABLE AFTER THE CUT OFF DATE, BUT NOT NECESSARILY AT THE ABOVE RATE. PLEASE APPLY 10% SALES TAX TO THE ABOVE RATES.

AWA FALL MEET FLEA MARKET CHANGES

A problem for the AWA Fall Meet organizers has always been how to coordinate the ever growing Flea Market. At the Marriott we are faced with a physical problem of 162 parking spaces while over the last two years the advanced sale demand has been for greater than 200 such spaces. What to do? The AWA recognizes the great service the flea market is to its members in that it gives them the opportunity to buy, sell, swap and find those badly needed parts and collectibles. The key here is service to as many AWA members as possible. Over the year the observation has been that the greatest loss of available Flea Market spaces has been to the quasi business ventures taking up from 3 to 5 spaces, or more. It is this area where the new parking rules concentrate; providing more spaces to members while still allowing the ventures to continue but on an escalating cost basis to those making a business out of our hobby. There are three options available for pre-registration:

(Over)

FILL OUT BOTH SIDES OF THIS CARD.

REGISTRATION FORM

Antique Wireless Association
ANNUAL HISTORICAL RADIO CONFERENCE

Member Name _____ Spouse/Guest _____
First *Last* *First* *Last*

Street _____

City _____ State _____ Zip _____

Country (if other than USA) _____

Make check payable to **ANTIQUE WIRELESS ASSN.** and mail before September 15 to:
ANTIQUE WIRELESS ASSOCIATION, INC.
c/o Dick Ransley
P.O. Box 41
Sodus, New York 14551

IMPORTANT: September 15 is absolute deadline for all meals. Registration covers all activities except flea market, meals, and bus trip. Pick up tickets at Marriott Headquarters. If you wish acknowledgement of reservations, enclose S.A.S.E.

DETACH THIS PORTION AND MAIL TO:

ROCHESTER THRUWAY

Marriott
HOTELS·RESORTS

5257 West Henrietta Road
P.O. Box 9912
Rochester, New York 14623

ANTIQUE WIRELESS ASSOCIATION

September 21-27, 1992

Room rates per room, per night

$ 75	Single
$ 85	Double
$ 90	Triple
$100	Quad

The Rochester Marriott is pleased you have chosen us for your upcoming visit. Our staff looks forward to serving you in the fine Marriott tradition.

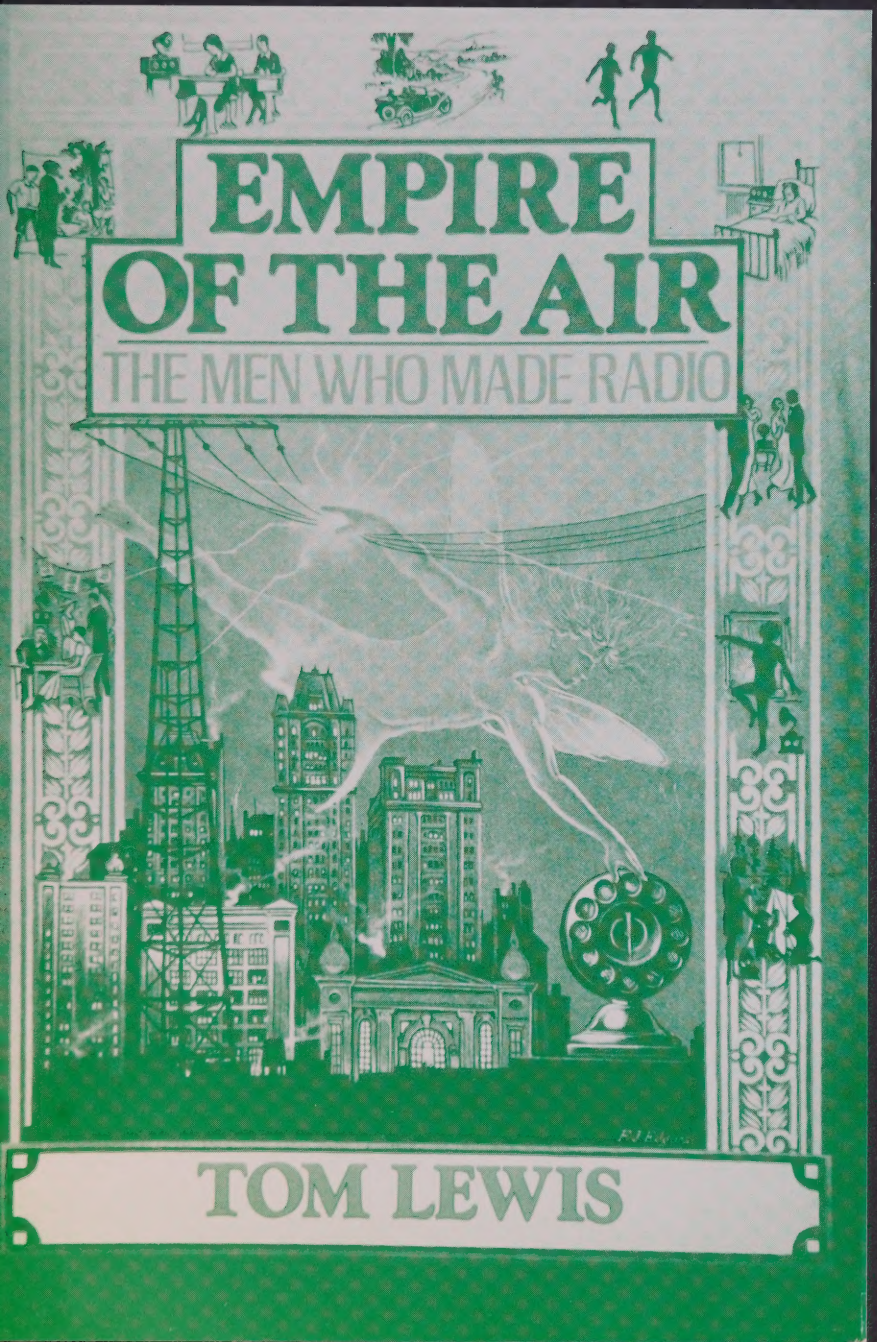
In making your reservation we request that you either.

1) Enclose a check or money order covering the first night's stay.

— OR —

2) Send us the entire number of your credit card: AMERICAN EXPRESS, DINERS CLUB, DISCOVER CARD, MASTER CARD, VISA/BANKAMERICACARD, or CARTE BLANCHE. Don't forget the expiration date and your signature.

The Rochester Marriott regrets that it cannot hold your reservation after 6:00 p.m. on the day of arrival without one of the above. Deposits will be refunded only if cancellation notification is given up to 24 hours prior to arrival.



EMPIRE OF THE AIR

THE MEN WHO MADE RADIO

TOM LEWIS

EXTRA!! EXTRA!!

WE HAVE A NEWS FLASH JUST OFF THE WIRE!

"EMPIRE OF THE AIR"

THE BOOK BY TOM LEWIS WILL BE AVAILABLE
AT THE AWA CONVENTION IN SEPTEMBER.

"EMPIRE OF THE AIR"

IS THE STORY OF THREE PIONEERS OF RADIO:
LEE De FOREST, EDWIN ARMSTRONG, AND DAVID SARNOFF.

THE STORY GIVES US A LOOK AT THE TECHNOLOGY
AND PERSONAL RELATIONSHIPS
THAT SHAPED THE RADIO INDUSTRY.
THE REGULAR MARKET PRICE IS $25.
HOWEVER IT WILL BE AVAILABLE
AT A DISCOUNT
FOR THOSE WHO ATTEND THE CONFERENCE.
TOM LEWIS WILL ALSO BE ON HAND
TO AUTOGRAPH COPIES.

NOT FOR RENEWALS -- GIVE TO A FRIEND

The Antique Wireless Association, Inc.

"A non-profit organization devoted to the history of communication"

(Print or Type)

APPLICATION FOR MEMBERSHIP

Date_____

Name_____

Spouce's First Name_____

Address_____

City_____ State (Country)_____ ZIP_____

Telephone (_____) _____ FAX_____

Signature_____

OPTIONAL INFORMATION:

Sponsored by_____

Present or Former radio employment_____

Amateur Radio Call Letters_____

Collecting & Historical Interests (Check)

- ☐ Wireless Equipment
- ☐ Battery Operated Receivers (1920's)
- ☐ AC Operated Receivers (to 1935)
- ☐ AC Operated Receivers (after 1935)
- ☐ Telegraphy
- ☐ Transistor Radios
- ☐ Books and Magazines
- ☐ Amateur Receivers or Transmitters
- ☐ Vacuum Tubes
- ☐ Speakers (Horn or Cone Type)
- ☐ Television (Mechanical or Cathode Ray)
- ☐ Advertising Items
- ☐ Novelty Radios
- ☐ Other _____

Membership Dues with OTB	U.S., Canada & Mexico (1st Class)	Foreign (Air-Mail)
One Year	$15.00	$18.00
Two Years	$27.00	$36.00

Make check or money order payable to: ANTIQUE WIRELESS ASSOCIATION, INC.

Mail to: Antique Wireless Association, Inc., P.O. Box E, Breesport, New York 14816

AWA FAX (607) 796-6230

Phone: (607) 739-5443

Membership in the Antique Wireless Association, Inc. includes membership in the AWA Electronic Communication Museum.

EXTRA APPLICATION: Sign and give to a friend.

The Antique Wireless Association, Inc.

"A non-profit organization devoted to the history of communication"

(Print or Type)

APPLICATION FOR MEMBERSHIP

Name _____

Street _____

City _____

State (Country) _____ Zip _____

Telephone _____ Call Letters _____

Signature _____ Date _____

HISTORICAL INTERESTS *(Check)*

Amateur	☐	Telegraphy	☐
Commercial	☐	Manufacturing	☐
Broadcasting	☐	Electricity	☐

COLLECTING INTERESTS

Broadcast Receivers	☐
Amateur Equipment	☐
Commercial Equipment	☐
Vacuum Tubes & Lamps	☐
Books & Magazines	☐

Other: _____

Present or former radio employment _____

Sponsored by _____
(Name) (Address)

		U.S. & Canada 1st Class	Foreign Air
Membership Dues with OTB	One Year	$ 8.00	$10.00
	Two Years	16.00	20.00

Make check or money order payable to: ANTIQUE WIRELESS ASSOCIATION, INC.
Mail to Vice-President: Bruce D. Roloson, Antique Wireless Association, Inc.,
Box 212, Penn Yan, New York 14527

IMPORTANT

ANNOUNCEMENT AND QUESTIONNAIRE

As most of the AWA membership is aware, one of the key objectives of the organization is the research and documentation of the history of wireless communication. Yearly dues do include a subscription to the *OTB*, the quarterly bulletin and official journal of the AWA. Unfortunately, because of space limitations and the very broad range of subjects to be covered, it is impractical to cover any one subject in depth.

The result is that much of the material which is of publishable nature, such as papers presented at past AWA conferences, recordings, in-depth monographs which have been written and can be written by knowledgeable persons and which would be of wide interest, are either in files scattered across the country or are not being written because there is no mechanism for publishing them. This material is now in grave danger of being lost forever.

The Board of the AWA, at its meeting on November 3, approved in principal the publication of a yearly **REVIEW OF THE AWA**, to comprise about 120 pages, and which would be sold separately to those members who desire it. This approach has been adopted as perferrable to the expansion of the bulletin, which would necessitate raising the dues. Price would be $7.00 by mail from AWA headquarters, or $5.50 at the AWA conference. The first issue could be ready by the 1986 meeting.

Some examples of the many papers which are being considered are:

1. "Founding and Development of the Antique Wireless Association and its Museum", by Charles Brelsford and Bruce Kelley.
2. "PKX – Bandung", by Kaye Weedon, Blonmenholm, Norway.
3. "Development of Atwater Kent Receivers", by Ralph Williams, Orient, New York
4. "The Gap", by Art Goodnow, Darien, Connecticut

Content will include pictures, illustrations, etc.; there will be no advertising.

The Board is reluctant, however, to enter into this project without some measure of support from the AWA membership. We would appreciate it very much, therefore, if members would take just a moment to fill out and return the questionnaire below.

( ) I am interestesd in the **REVIEW OF THE AWA.**

( ) I would not be interested.

COMMENTS: _____

_____

NAME _____

ADDRESS _____

Note: This is for information; your answer will not obligate you to any purchase.

THE A.W.A. REVIEW, VOLUME II, 1987

VOLUME II of the *A.W.A. REVIEW* was introduced at the 1987 Conference and is now available. The 136-page book, which follows the First Edition, Volume I, published in 1986, comprises six papers of significance to radio collectors, historians, and students of the radio art, and includes 130 illustrations. Volunteer editors are Bob Morris, W2LV, and Bill Fizette, K3ZJW.

DEFOREST RADIO TELEPHONE COMPANIES, 1907-1920, *by Thorn L. Mayes.* This paper by the leading A.W.A. historian describes the eight companies started by Lee deForest through to their eventual demise, including the celebrated court trial. Fifteen pages, including a chart of the companies and three illustrations.

ACROSS THE GAP: AN APPRAISAL OF SPARK RADIOTELEGRAPH ENGINEERING, *by A. C. Goodnow.* This is a classic and authoritative review of spark transmitter history and technology which is slated to become a prime reference for historians and students. Fifty pages include oscillograms prepared by the author, and detailed descriptions of four of the famous spark stations of radio history; 32 illustrations and pictures.

ATWATER KENT EARLY RADIO DEVELOPMENT – THE MAHOGANY AND METAL BOXES, *by Ralph O. Williams.* Most collectors begin with one of the AK boxes, and this 24-page paper by renouned authority describes in detail the various wood and metal-box radios manufactured by Atwater Kent during the 1920's, and reviews the associated sociologic and technologic backgrounds and changes. A key reference source for all AK collectors; 21 illustrations.

HAMMARLUND RADIO, *by Stuart Meyer.* A 24-page history of the famous Hammarlund Radio Company and its products by a renouned authority and past-president of the company. Fourteen illustrations.

A CENTURY OF TELEGRAPH KEY DEVELOPMENT, *by Louise Ramsey Moreau.* The history of the "*key*" from its introduction by Alfred Vail in 1844 through WW II. This paper by a recognized authority on telegraph keys is a "must" for any collector. Fourteen pages with 46 pictures of American key and keying devices.

THE PHILADELPHIA RADIO STORY - THE FIRST FIFTY YEARS, *by Rexford M. Matlack.* Philadelphia and its vicinity was a center of activity in the early days of wireless, and this paper tells the story of the schools, the manufacturers, the wireless stations, and the BC stations. Written by an A.W.A. historian who lived the experience, the fourteen-page narrative includes 12 illustrations.

★★★★★★★★★★★★★★★★★★★★★★★★★★★★★★

THE A.W.A. REVIEW, VOL. II, is available from the Antique Wireless Association for $7.00 by direct sale or $8.50 by mail. Orders will be filled promptly. Complete and mail the order blank.

ORDER BLANK ... THE A.W.A. REVIEW, VOL II

To: Dexter Deeley, 8 Briar Circle, Rochester, NY 14618

Enclosed is my check for $8.50. Please mail my copy of THE A.W.A. REVIEW, Volume II, to:

NAME: _____

ADDRESS: _____

_____

COMMENTS: _____

_____

THE A.W.A. REVIEW, VOLUME III, 1988

VOLUME III of *THE A.W.A. REVIEW* was introduced at the 1988 A.W.A. Conference at Canadaigua, N.Y., and is now available. The 136-page book is the third in the series and comprises seven papers of significance to collectors, historians, and students of the radio art. Included are 139 illustrations and a guest editorial by Donald Christiansen, Editor and Publisher of the *IEEE SPECTRUM*. Volunteer editors are Robert Morris, W2LV, and William Fizette, K3ZJW.

ATWATER KENT RADIO DEVELOPMENT — PART III...THE A.C. POWERED RECEIVERS, *by Ralph O. Williams.* This is a continuation of the series of articles published in Volumes I and II of *THE A.W.A. REVIEW,* and takes the Atwater Kent story and product line through the progressive development of the A.C. powered receivers. As before, this author has provided a key reference work for all persons interested in AK; 28 pages, including 18 illustrations.

PROGRAM TRANSMISSION AND THE EARLY RADIO NETWORKS, *by Ludwell A. Sibley.* This is a 14-page review of the history of the pre-satelite technology and facilities which evolved into the national radio networks, including the involvement by both the Bell System and the telegraph companies. The author explains the "Red" and "Blue" networks to answer the often-asked questions on this subject. Fourteen pages with four illustrations.

AUDIO FREQUENCY CHARACTERISTICS IN EARLY BROADCASTING, *by Robert M. Morris.* Written by an engineer who was intimately involved in early broadcast technology, this 13-page paper describes the development of the systems leading from the early days of broadcasting to the improved, high-quality transmissions of the 1930's. With eleven pictures and illustrations.

A.C. SUPPLY FOR RADIO RECEIVERS — HOW THE LOWELL AND DUNMORE PATENTS (ALMOST) CHANGED THE INDUSTRY, *by Alan Douglas.* A little-known patent situation of the 1920s threatened to strangle the radio industry. The story of the development of the AC line-operated power supply by two government employees, and the tangled legal battles which errupted. Written by a well-known radio historian, the article comprises 18 pages with 15 illustrations.

THE RADIO APPARATUS OF ERNEST C. MIGNON, *by Lauren A. Peckham.* This is a highly authorative and unusually complete review of the radio equipment designed and produced by one of the pioneer radio manufacturers. Written by a historian who has devoted years to the study of Mignon, the paper includes pictures of most of the famous (and much sought-after) Mignon receivers, and probably most of the information which will ever be available on the subject. A "must" for historians and collectors; 20 pages with 23 pictures.

FOREIGN AND MILITARY TELEGRAPH KEYS, *by Louise R. Moreau and Murray D. Willer.* This 22-page joint paper by two noted authorities on the subject includes 57 pictures of various types of telegraphic systems, keys, and associated apparatus, and supplements the article by Moreau in *REVIEW II.*

THE ALEXANDERSON SYSTEM FOR ELECTRO-MECHANICAL PRODUCTION OF RADIO-FREQUENCY ENERGY, *by Glen C. Fuller.* The author presents little-known information on the control systems and mechanical design development of these remarkable and historically significant transmitters. Unusually complete, the 17-page paper includes 11 pictures and illustrations.

★★★★★★★★★★★★★★★★★★★★★★★★★★★★★★★★★★★★★

THE A.W.A. REVIEW, VOLUME III, is available from the Antique Wireless Association for $8.00 by direct sale or $9.50 by mail. Orders will be filled promptly. Complete and mail the order blank below.

ORDER BLANK...THE A.W.A. REVIEW, VOLUME III

TO: Dexter Deeley, 8 Briar Circle, Rochester, N.Y. 14618

Enclosed is my check for $9.50. Please mail my copy of THE A.W.A. REVIEW, VOLUME III, to:

NAME: _____

ADDRESS: _____

_____

COMMENTS: _____

_____

THE AWA REVIEW, VOLUME IV, 1989

Volume IV of the AWA Review was introduced at the 1989 Conference at Canandaigua, N. Y., and is now available for ordering. The book, expanded to 156 pages, continues the previous series with eight papers significant to students of the history of electronic technology and collectors. Volunteer editors were William Fizette, K3ZJW, and Ludwell Sibley, KB2EVN.

A SKETCH OF EARLY RADIO VACUUM-TUBE RESEARCH AND DEVELOPMENT AT THE GENERAL ELECTRIC COMPANY *by John M. Anderson*. This paper discusses early tube research at General Electric. The author describes how a group of gifted theoreticians and developers transformed the Audion, with its numerous faults, into commercial high-vacuum, high-power devices in just a few years.

THE HRO REPORT: DATING THE EARLY HRO *by Charles P. Fisher*. A classic shortwave receiver of the Thirties and Forties for commercial, military, and serious amateur use was the National Company's HRO. Charles Fisher has provided a real service to admirers of this technical milestone. He reports on a painstaking survey of construction details over the first years of production. His article will be of great value in dating the varied samples in collections.

TUBE MANUFACTURING AT WESTERN ELECTRIC: THE WE 300B *by Attila R. Balaton* The writer's coverage of tube manufacture at Western Electric commemorates the recent end of production. It gives detailed insight into the materials and structures historically used in these devices, with a step-by-step photo-essay on their construction.

THE FEMININE TOUCH IN TELECOMMUNICATIONS *by Louise R. Moreau*. The author, widely known for her writings on telegraph keys, brings us an analysis of the historic role that women have played in telecommunications from Greek and Roman times, through the telegraph era, into the world of electronics.

A DECADE OF ELECTROACOUSTIC REPRODUCTION (1920-1930) *by Floyd A. Paul*. The author, well known for publications in this area, supplies a thorough review of the commercial development of loudspeakers in the Twenties, with the transition from headphones to cone-type designs whose essentials are still in use.

AN ELUSIVE FRAME OF TELEVISION HISTORY PRESERVED *by William E. Denk*. With 1989 as the fiftieth anniversary of commercial television in the U. S., William Denk's paper on television

development at Philco in the late 1930s provides valuable insight. RCA receives wide recognition for its contributions to this art, but such others as Farnsworth and Philco figured importantly as well. His analysis of a 1937 internal progress report, illustrated with vintage photos, gives a snapshot of this effort.

WESTERN ELECTRIC TUBES: SOME INTERESTING AND HISTORIC TYPES *by Ludwell A. Sibley.* The writer provides further material on WE tube products, documenting the commercial and application history of some ordinary-appearing but historic items.

EARLY MICROPHONE HISTORY *by Bob Paquette.* The author furnishes a comprehensive history of microphones from the very beginnings to 1950, documented with almost 60 photographs taken from his well-known collection. Particular emphasis is placed on the evolution of microphones in the early years of broadcasting.

THE AWA REVIEW, VOLUME IV, is available from the Antique Wireless Association for $9.00 by direct sale or $10.50 by mail. VOLUME III is also available at $8.00 or $9.50 by mail. Orders will be filled promptly. Complete and mail the order blank below, with a check payable to AWA.

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THE AWA REVIEW, VOLUME 6

Our sixth annual issue of the AWA Review contains a wide variety of historical material, in 186 pages with 96 illustrations.

THE EATON TUBE COLLECTION *by George H. Clark, Bruce Kelley, Lauren Peckham, L. C. F. Horle, and W. A. Eaton.* The lead article presents what was probably the first serious tube collection: the comprehensive samples collected by the radio-development group at the Washington Navy Yard and known as the Eaton Collection. A composite description by five authors covers its origins, contents, and untimely fate. A double-width photo shows the full collection.

THE GENERAL ELECTRIC COMPANY CONSIDERS BUYING THE DE FOREST RADIO TELEPHONE AND TELEGRAPH CO., 1916 *by John M. Anderson.* Examining an interesting episode in the history of GE, John Anderson explores a corporate acquisition that fell through: the proposed purchase of Lee de Forest's manufacturing company. Regardless of the outcome, we get an informative picture of the de Forest company and its competitive position.

THE FIRST YEARS OF WIRELESS IN THE HAWAIIAN ISLANDS *by Robert J. Wiepert and Tina M. Wiepert.* The early development of radio in the then-Territory of Hawaii is explored in a pictorial article emphasizing the Federal and Marconi/RCA stations at Heeia, Kahuku, and Koko Head. Documentation of wireless history in the islands is not easy to find.

A REVIEW OF EARLY TELEVISION IN THE UK *by Pat Leggatt.* The writer, former BBC engineer and a major force in the British Vintage Wireless Society, documents the development of television in the United Kingdom, from primitive disc scanners to color.

SIGNAL CORPS SCR-RC-BC DIRECTORY *by Frederick W. Chesson* For those involved in the history of military communications-electronics, Chesson provides a comprehensive listing of U. S. Army Signal Corps equipment from before World War I to the early part of WW II. He has pieced together the identities of all known SCR-coded electronic systems (385 of them), RC-identified subsystems (289), and individual BC-numbered items (1093). His work relates the components to the complete systems, information hard to locate otherwise.

WHO INVENTED THE SUPERHETERODYNE? *by Robert Champeix, translated by Richard Foster.* Most American historians "know" that Edwin Armstrong invented the superheterodyne receiver. However, Champeix points out another contender - and not Lucien Lévy, the usual candidate - as predating Armstrong. We are indebted to Richard Foster for a skillful translation of the text.

AMATEUR RADIO IN THE NEW YORK CITY AREA PRE-WW I *by*

Daniel C. McCoy. A charming account of early amateur radio in the New York area. McCoy was one of the teenage operators who pioneered amateur activity before WW I.

RADIO TUBE MANUFACTURE IN AUSTRALIA *by Fin Stewart*. A history of electron-tube manufacture in Australia comes from Stewart, long-time collector. He provides pictorial examples of tubes that reflect British, European, American, and local design influence.

THE MILITARY COMMUNICATIONS EXPLOSION, 1914-18 *by Louise Moreau*. The author relates the far-reaching efforts of the communications industry and the amateur community to support the military/naval actions of World War I.

THE U. S. PATENTS OF ALEXANDERSON, CARSON, COLPITTS, DAVIS, GERNSBACK, HOGAN, LOOMIS, PUPIN, RIDER, STONE, AND STUBBLEFIELD *by David W. Kraeuter*. The writer has compiled a directory of the U. S. patents of eleven electrical/telephone/radio inventors. He cites 644 patents of men who were highly successful (Alexanderson), famous for other endeavors (Gernsback), or simply obscure (Stubblefield).

*** Volumes 1, 2, 3 and 5 are also available. ***

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CALL FOR NOMINATIONS

Nominations are being sought by the Nominating Committee for the 1992 executive of the Association for the Study of Canadian Radio and Television (ASCRT). Nominations are sought for all executive positions: president, vice-president and eight executive officers. The committee will accept written (signature of the person nominated and the person proposing him/her) or telephone nominations. You must be a paid member of ASCRT to nominate someone, so please pay your renewal fee for 1991 if you have not already done so. Nominations should be submitted before November 15, 1991. Please submit nominations to:

Marielle Cartier
ASCRT Nominating Committee
National Film Board of Canada
PO Box 6100, Station A
Montreal, Quebec H3C 3H5

APPEL AUX CANDIDATURES

Le Comité des nominations lance un appel aux candidatures pour l'exécutif 1992 de l'Association pour les études sur la radio-télévision canadienne. Des nominations sont solicitées pour toutes les fonctions de l'exécutif: président(e), vice-président(e) et huit conseillers/conseillères. Le Comité accepte les nominations par écrit (signature du proposeur et de la personne proposée) ou par téléphone. Pour être éligible à proposer un canditat ou une candidate, on doit être un membre en règle de l'AERTC; veuillez régler alors votre situation si vous n'êtes pas membre en règle. Les nominations doivent être soumises avant le 15 novembre 1991, à:

Marielle Cartier
AERTC Comité des Nominations
Section des collections audiovisuelles
Office national du fil du Canada
CP 6100, Succursale A
Montréal (Québec) H3C 3H5

Members of the Nominating Committee / Les membres du Comité des Nominations:

Marielle Cartier
Office National du film du Canada
Téléphone (514) 283-9437
Télécopieur (514) 283-5729

Mary Vipond
History Dept.
Concordia Univ.
(514) 848-2430

Jacques Vermette
Univ. de Laval
(418) 656-7303

August 29, 2000

Dear Arthur,

Thanks for telling me the results of your search for the origins of CJTCo. I am enclosing a copy of the ARC issue that contains my article. They gave me several copies. It is fortunate that you know how to trace the early movements of people involved in these companies. Your thoroughness is laudable, and is reminiscent of the style of your book.

Maurice Chaplin was an instructor in electronics, I think, in a technical college in the Toronto area. He retired to Florida in the mid-1980's, and lost contact with his radio friends in Toronto as far as I know. His monograph was based on the research he did in order to present a talk on the original Ted Rogers at the annual conference of the Antique Wireless Association (AWA) in Canandaigua, N.Y. in October 1983. He then released his notes the next year. I attended the talk, and realize that the notes contain much more information than the talk did. I have no way of knowing how professional a historian he may have been, however, since I have not been able to verify his findings by other means.

When I submitted my Northern Electric paper to the AWA Review, the editor was lamenting what he recalled was his lack of material to fill out the issue this year. I decided to seek out Maurice in earnest, to find whether he would approve the reprinting of his Rogers material in the Review. I was unable to find him. The AWA gave me his most recent mailing address, which was eight years old. I wrote him a letter and it was returned unopened. I don't believe he had any children, although I didn't know him well.

All of this is a roundabout way of saying that although his paper is marked copyright I have been making copies of it for a few friends. Maurice used to ask $7 for it, which I am sure only covered the cost of the copying. I will make you a copy, which I am sure you will put to good use. If Maurice ever turns up, just remember you owe him $7.

Regards,

R.L.